# Public Notice

# Cultus Lake Septic Upgrade Project

# Public Comments Invited

**May 6, 2022** - The Fisheries and Oceans Canada must decide whether the Cultus Lake septic upgrade project at Cultus Lake, B.C. is likely to cause significant adverse effects.To help inform this decision, Fisheries and Oceans Canada is inviting comments from the public on the project and its potential effects on the environment. All comments received will be considered public. For more information, individuals should consult the [Privacy Notice](https://www.ceaa-acee.gc.ca/050/evaluations/Protection?culture=en-CA) on the Registry website.

Written comments must be submitted by **June 6, 2022** to:

Collin Gagne

Project Engineer

Fisheries and Oceans Canada, Pacific Region

Real Property, Safety and Security

Phone: (604) 649-6849

Email: Collin.Gagne@dfo-mpo.gc.ca

# Assessment Summary

The current sanitary system at Cultus Lake Laboratory discharges into a septic dispersal field of which is nearing end of life. The current proposal involves updating the septic treatment system and dispersal fields to a gravity fed sewer collection system discharging to a pump station. The gravity line will be installed to collect both the site and the Cultus Lake Park Boards septic on DFO property and then lifted to the pump station. The installation of a sanitary forcemain will convey flows from the pump station and then discharge flows to a manhole near the property. The pump station will be located on a developed grass area near the edge of the forested area on the adjacent Cultus Lake Laboratory campus, close to the Sweltzer River. The current design is to work only within paved or gravel portions of the existing road to avoid instream disturbances to Sweltzer River and Hatchery Creek. The design will require the forcemain to cross under a culvert within the riparian zone of Hatchery Creek. To reduce the amount of disturbed surface area, the use of Horizontal Directional Drilling (HDD) rather than open-cut trench methodology will be applied. The culvert is part of the Hatchery Creek system.

Key equipment will include: trucks, vehicles, excavation equipment, hydro-vac truck, and horizontal directional drilling equipment.

The proposed project will include the following steps:

• Supplies will be brought to site by road and then installed or prefabricated items will be brought onsite

• A crane and/or other machinery to be used to pick up/deploy them in proper position

• Installation of piping to the pump station : 200mm diameter PVC gravity sanitary sewer and extension of existing 150mm diameter sanitary pipe, new 100mm diameter HDPE sanitary forcemain

• Horizontal drilling under the culvert within Hatchery Creek

• Installation of a new wet-well pump station

• Tie-in of gravity sanitary with existing off-site distribution box, sanitary system, and new on-site pump station

• Connection of the new sanitary forcemain with the pump station to convey flows from pump station to manholes

# Project Locations

# Cultus Lake Laboratory is a Department of Fisheries and Oceans Canada facility located on the eastern Fraser Valley near Chilliwack BC. The facility contains several laboratories, artificial streams, ponds and an experimental hatchery.

# Coordinates:

# Latitude: 49° 4' 43.9242"

# Longitude: -121° 58' 43.464"